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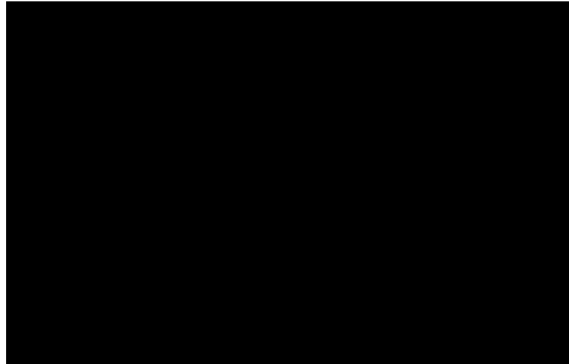
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MINUTES

Research, Development and Production Review Board

I.

A special meeting of the Research, Development and Production Review Board was held in the OC Conference Room at 1430 hours on 27 February 1957. The following persons were in attendance:



* Part time

II.

1. The Board reviewed the proposed obligations of funds for R&D between now and the end of the fiscal year. It was agreed that the Engineering Division should attempt to obligate funds as shown in the study and that at the April meeting of the R&D Board a further review of this subject should be made. If at the April meeting it develops that certain funds cannot be obligated on the planned programs, then consideration will be given to utilizing these funds for other purposes.

2. The O&T representative stated that they would like to establish a quick reaction contract and the Board approved the establishment of such a contract as soon as possible. The Budget Officer stated that funds would be available to cover this additional contract.

3. One of the items considered in the review was the DZ Beacon and the Board was informed that while the specifications were in preparation it would be necessary to obtain the DD/P Materiel Board's concurrence in the proposed modifications of operation characteristics. A memorandum had been forwarded on this subject to the DD/P Materiel Board. [REDACTED] as the representative on the working group of the DD/P Materiel Board, was designated to expedite the action on this matter. One of the questions that had been raised in the memorandum to the DD/P Materiel Board was the matter of sterility of the equipment. [REDACTED] briefed the Board on some discussions that had taken place on this subject and instructed [REDACTED] that should this

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question be raised in a working group he should point out that the beacons would be utilized by controlled parties and therefore under the latest DD/P interpretation it would not be necessary for them to be U. S. Sterile.

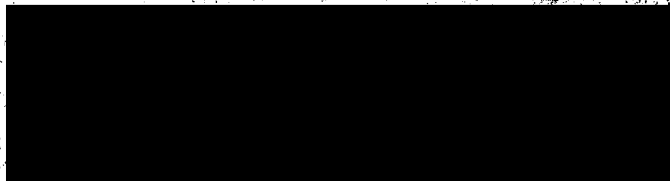
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4. [REDACTED] and the Security representative pointed out that a problem existed in time of war as regards the cryptographic problem at sub-base stations. A short discussion on this item took place and it was suggested by the Engineering Division that a version of the AS-4 equipment could probably be produced to be utilized with an electronic cryptographic system now under development at NSA to fulfill this requirement. The Engineering Division was directed to take the necessary steps to prepare for a study by the present AS-4 contractor to determine the feasibility of developing a miniaturized AS-4 system. This system would make use of the planned 100 watt transmitter or the 100 watt transmitter utilizing a 500 watt power amplifier. This study was not to be initiated, however, until after the April meeting when a determination would be made as to whether funds were available.

5. The Security representative stated that NSA had requested that we order a number of minor cryptographic items now instead of later, in order to keep an existing contract in operation. It was agreed that \$40,000 of Commo funds are available for this support.

III.

The meeting adjourned at 1600 hours. The next regular meeting of the Board will be 6 March 1957.



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Distribution:

[REDACTED]
Members and those in attendance
listed in Paragraph 1
R&D Internal Projects
R&D External Projects

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